

24-NS-6042  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Choe et al. :  
Serial No.: 10/065,772 : Art Unit: 3641  
Filed: November 18, 2002 : Examiner: J. Richardson  
For: APPARATUS AND METHODS FOR :  
OPTIMIZING REACTOR CORE :  
COOLANT FLOW DISTRIBUTION :

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

1. Transmitted herewith is:
- Amendment in response to Office Action dated October 15, 2004 (25 pages)
  - Return Postcard

STATUS

2. Applicant
- ☐ claims small entity status.
- ☒ is other than a small entity.

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER FOR PATENTS

Express Mail No. EL 977 935 171 US  
Date: February 15, 2005

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Alan L. Cassel, Reg. No. 35,842

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a)   X   Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
<u>  X  </u> first month	\$ 120.00	\$ 60.00
<u>      </u> second month	\$ 450.00	\$ 225.00
<u>      </u> third month	\$ 1,020.00	\$ 510.00
<u>      </u> fourth month	\$1,590.00	\$ 795.00
<u>      </u> fifth month	\$2,160.00	\$1,080.00

Fee:           \$120.00          

If an additional extension of time is required, please consider this a petition therefore.

*(Check and complete the next item, if applicable)*

— An extension of        months has already been secured. The fee paid therefore \$        is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$120.00

OR

- (b)        Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	ADDITIONAL RATE FEE
	MINUS		=	x \$25.00 = \$	x \$50.00 = \$
TOTAL INDEP.	MINUS		=	x \$100.00 = \$	x \$200.00 = \$
—	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$180.00 = \$	+ \$360.00 = \$
				TOTAL ADDITIONAL FEE \$	OR TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

**OR**

- (b) ☐ Total additional fee for claims required \$ \_\_\_\_\_

## FEE PAYMENT

5. Attached is a check in the sum of \$ \_\_\_\_\_

- ☒ Charge Deposit Account No. 01-2384 the sum of \$120.00.  
A duplicate of this transmittal is attached.

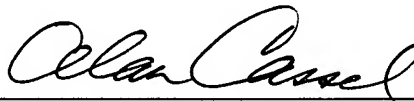
## FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.

7. ☐ Other:



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